AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1 - 13. (cancelled)

14.   (previously amended) A structure, stored on a readable medium, in which concepts are represented comprising:

a plurality of fields, each of the fields filled with a readable value;

a plurality of roots, each root including a fixed number of the plurality of fields, each root including a most significant field filled with a readable value designating a general abstract concept and a field of lesser significance filled with a readable value designating a narrower concept within the general abstract concept designated within the most significant field, whereby each root designates a concept indicated by the value of each field included in the root; and

a word including the plurality of roots, each concept designated by each root of the plurality of roots designating a different characteristic of the word.

15.   (original) The method of claim 14 wherein the plurality of roots are selected from a predetermined set of roots.

16.   (previously amended) The method of claim 14 wherein the predetermined set of roots is organized based upon a definitional tree-type structure with the readable value of the most significant field designating a concept at a highest level of the tree-type structure and the

readable value of the field of lesser significance designating a concept at a lower level of the tree-type structure.

17.   (original) The method of claim 14 wherein the word include a further root designating how the word is used.

18 - 28.   (cancelled)